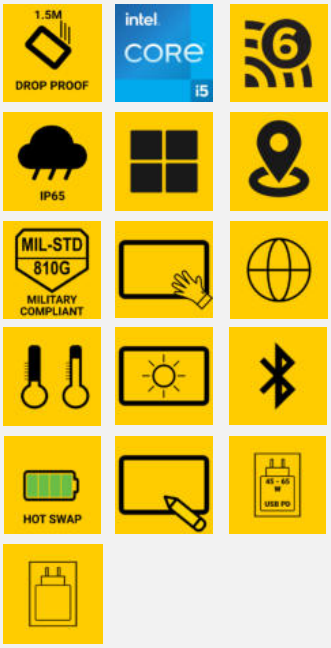
# Rocktab U212 Pro

High Power 11,6" Fully Rugged Tablet

The robust high-power industrial tablet for outdoor use




**Maximum performance**

Powerful Intel® Core™ i5 Raptor Lake processor

**Ultrarobust at military level**

Tested for 1.5 m drops onto concrete and 40 drops from a height of 1 m

**IP65 protection**

Built for outdoors: Completely waterproof and dustproof

**Bright high-end display**

Sunlight readable 11.6” display with 800 nits brightness & digitizer function

**Working without a break**

Battery for up to 10 hours running time, hot-swappable, 65 W USB PD charging

- Robust 11.6” industrial tablet for professional use
- 13th generation Intel® Core i5 processor with Intel® Iris® Xe graphics card
- Sunlight-readable display with 800 cd/m² brightness and Full HD resolution
- Scratch-resistant 10-point multi-touch screen, can also be operated with gloves
- Most precise operation possible via digitizer
- Exceeds shock, vibration and drop resistance according to MIL-STD-810G
- Ideal for harsh environments, as it is waterproof and dustproof to IP65
- Withstands drops from a height of 1.5 m
- Removable 64 Wh hot-swappable battery for up to 10 hours of runtime
- Windows 11 Pro or IoT Enterprise
- 16 GB LPDDR5 RAM and up to 2 TB internal storage
- Full size USB 3.1 type A and two USB C ports
- 2×2 MU-MIMO 802.11ax tri-band WLAN (WiFi 6E certified)
- Seamless roaming of different radio cells thanks to 802.11r
- Ready for the latest applications thanks to Bluetooth® 5.3
- Micro SDXC card slot - memory expandable up to 512 GB
- High-resolution cameras for razor-sharp images
- Optionally including high-end 1D/2D barcode scanner & 4G LTE high-speed internet connection with up to 300 Mbps
- Docking stations and other accessories available
- Climate-neutral product: all greenhouse gas emissions from production and transportation offset

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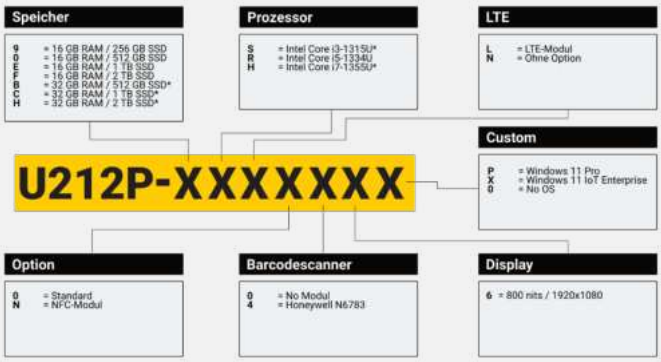
| Communication | |
|---|---|
| WLAN | Intel® AX211 Tri-Band Wi-Fi 6E 2x2 MU-MIMO |
| WWAN* | 4G LTE high-speed Internet up to 300 MBps download, 50 MBps upload; DFOTA support, DTMF support, MIMO, variants available for different regions4 (EMEA/ Australia/Brazil standard) |
| Bluetooth | Bluetooth 5.3 |
| Ethernet | 1 x RJ45 10/100/1000 Mbit/s LAN with PXE-Support |
| **Multimedia** | |
| Audio | Integrated 2W loudspeaker, 2 x integrated microphones, 3.5 mm headset connection |
| Camera | 2 megapixel front camera, 8 MP autofocus rear camera with flash |
| **Data acquisition** | |
| NFC | optional[4]<br>supports the Standards: ISO/IEC 14443 A/B , ISO/IEC 15693/18092 |
| Barcode scanner* | High-end 1D/2D barcode scanner with extended range of functions<br>■ Extremely high scanning performance<br>■ Standard range up to 80 cm reading distance<br>■ Advanced red laser aiming device<br>■ Reads all common 1D and 2D barcodes<br>■ OCR |




| Physical characteristics | |
|---|---|
| Dimensions | 332 x 198.3 x 22 mm |
| Weight | 1,69 kg |
| Housing | Black PC ABS housing, non-slip, cooling by IP65 fan, connections with rubberized protective covers, devices for wrist strap, carrying handle and holders, Kensington Lock |
| Battery | Removable 7,68 V / 8.340 mAh (64 Wh) Lithium-ion battery plus 7.4V/80 mAh (0.6 Wh) lithium-ion battery, hot-swappable |
| Input voltage | 20 V DC / 3.25 A (65 W) max. charging current, input power supply USB-C PowerDelivery 20V/3.25A max. |
| Keys | Power button, volume buttons, reset hole, 2 programmable function buttons |
| Status displays | Power LED, battery status LED, radio status LED |
| Operating temperature | -20° C – +60° C |
| Storage temperature | -20° C – +60° C |
| Air humidity | 95%, non-condensing |
| Sealing | IP65 Dust- and waterproof |
| Drop resistance | Exceeds MIL-STD-810G drop test, 26 drops from 1.5 m and 40 drops from 1.0 m |
| **System properties** | |
| Operating system | Windows 11 Pro (standard), Windows 11 IoT Enterprise (LTSC) (optional) |
| Processor options | ■ Intel® Core i5-1334U 10-core processor (up to 4.6 GHz)<br>■ Other processors on a project basis |
| Graphics processor | ■ Intel® UHD Graphics |
| System memory | Removable M.2 NVMe 256, 512 GB or 1 TB, expandable via micro SD card up to 256 GB |
| Working memory | 16 GB LPDDR5 (Alternatively 8 or 32 GB[4]) |
| Display | 11.6" IPS LCD display, 16:10, 800 cd/m2 brightness readable in sunlight, 1920x1080 pixel resolution |
| Touchscreen | Capacitive multi-touch screen with 10 touch points, scratch-resistant, digitizer pen compatible, glove mode, rain mode |
| I/O | Pogo pin, 1 x USB 3.1 Gen2 (Type A, 10 Gb), 1 x USB 3.1 Gen3 (Type C) with DP Alt support, 1 x USB 2.0 (Type C) with power delivery, 1 x RJ45, micro SD card reader, nano SIM card slot, 3.5 mm headset connection |

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| Further specifications | |
|---|---|
| Innovative functions | DirectX 12.1, Execute Disable Bit, Intel® Adaptix™ Technology,, Intel® AES New Instructions, Intel® Boot Guard, Intel® Control-Flow Enforcement Technology, Intel® Deep Learning Boost,Intel® Gaussian & Neural Accelerator 3.0, Intel® Hardware Shield Eligibility, Intel® High Definition Audio, Intel® Hyper-Threading Technology, Intel® Image Processing Unit 6.0, Intel® OS Guard, Intel® QuickAssist Software Acceleration, Intel® Smart Sound Technology, Intel® Speed Shift Technology, Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2, Intel® Standard Manageability (ISM), Intel® Thread Director, Intel® Threat Detection Technology (TDT), Intel® Trusted Execution Technology, Intel® Virtualization Technology (VT-x), Intel® Virtualization Technology for Directed I/O (VT-d), Intel® Volume Management Device (VMD), Intel® VT-x with Extended Page Tables (EPT), Intel® Wake on Voice, MIPI SoundWire 1.2, Mode-based Execute Control (MBEC), MPP 2.0, Open CL 3.0, Open GL 4.6, PowerDelivery Charging, Secure Key, Thermal-Monitoring-Technologies, TPM 2.0 (optional dTPM 2.0[4]), Windows Hello Login (Camera[4]) |
| Position detection | GPS, Galileo[4], GLONASS |
| Sensors | Accelerometer, gyroscope, e-compass, proximity sensor, ambient light sensor |
| Accessories supplied | Power supply unit |
| Optional accessories | See accessories catalog |
| Warranty | 2-year warranty, extended warranty available |

| Service packages | |
|---|---|
| **Item number** | **Description** |
| SRV-U212P-C3NX | 3-year warranty |
| SRV-U212P-P3NX | 3 years Premium Care |
| SRV-U212P-W3NX | 3 years Warranty Plus |
| SRV-U212P-C5NX | 5 years warranty |
| SRV-U212P-P5NX | 5 years Premium Care |
| SRV-U212P-W5NX | 5 years Warranty Plus |

## Warranty Plus

We offer you a 24-month warranty on our physical products. With Warranty Plus, your product is fully protected. It is your fully comprehensive cover that also protects you against material damage caused by normal use, wear and tear and accidents. Even theft and fire damage are covered by our warranty. In the event of loss or total loss of the device, a complete replacement is possible.

| Order numbers | |
|---|---|
| **Item number** | **Description** |
| U212P-9RN006P | Rocktab U212 Pro, 16 GB RAM, 256 GB SSD, Core i5, W11P |
| U212P-9RL006P | Rocktab U212 Pro, 16 GB RAM, 256 GB SSD, Core i5, LTE, W11P |
| U212P-9RN046P | Rocktab U212 Pro, 16 GB RAM, 256 GB SSD, Core i5, 2D, W11P |
| U212P-9RL046P | Rocktab U212 Pro, 16 GB RAM, 256 GB SSD, Core i5, LTE, 2D, W11P |

## Climate-neutral product

This product is climate neutral. The production and logistics of the Rocktab U212 Pro causes **530 kg** of CO2e emissions. These unavoidable emissions are fully and generously offset by Gold Standard projects. You can find more information about our efforts to protect the environment at https://www.werocktools.com/company/environmental-protection/

[4] = On a project basis; minimum purchase quantity required

* = Optional

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